

AMENDMENTS TO THE CLAIMS:

Please cancel claims 10 and 12, without prejudice, and amends claim 1, 3, 6 and 9, as shown below. This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1 (currently amended): A fuel supplier placed in a liquid fuel supply system of a fuel cell, comprising:

a fuel vessel for a plurality of unit cell structures;

~~a permeation control film coupled to the fuel vessel such that a supplementary liquid fuel contained in said fuel vessel is restrictively transmitted;~~

~~—wherein said supplementary liquid fuel is allowed to move to said liquid fuel supply system through said permeation control film;~~

a high concentration fuel vessel for supplying a high concentration liquid to the fuel vessel through a permeation control film;

a liquid fuel contained in the fuel vessel;

a first fuel passage for supplying the liquid fuel to the plurality of unit cell structure;

and

a second fuel passage through which the liquid fuel is collected into the fuel vessel,

wherein said permeation control film restricts ~~[[the]]~~an amount of transmission of said supplementary high concentration liquid fuel based on a fuel concentration of ~~[[a]]~~the liquid fuel in said fuel ~~supply system vessel~~, and wherein said ~~permeation control film~~ comprises a liquid fuel permeable film that transmits said supplementary high concentration liquid fuel, a shutter member slidably placed on said fuel permeable film such that the shutter member

controls an exposed area of said fuel permeable film, and a rotary unit for controlling sliding movement of said shutter member;

~~wherein the concentration of the liquid fuel in the fuel vessel is adjusted to power generation, and the permeation control film and the shutter member control the movement of the constituent of the fuel, and the supplementary liquid is more concentrated than the liquid fuel in the fuel vessel.~~

Claim 2 (cancelled)

Claim 3 (currently amended): The fuel supplier as claimed in Claim 1, wherein said permeation control film changes its shape depending on the concentration of said liquid fuel such that the amount of transmission of said ~~supplementary~~ high concentration liquid fuel is changed.

Claim 4 (original): The fuel supplier as claimed in Claim 3, wherein said film shrinks and expands depending on the concentration of said liquid fuel so as to change its open area ratio.

Claim 5 (cancelled)

Claim 6 (currently amended): The fuel supplier as claimed in Claim 1, wherein said shutter member ~~is responsive to the fuel concentration of said liquid fuel such that the shutter member~~ restricts the amount of transmission of said ~~supplementary~~ high concentration liquid fuel based on the fuel concentration of said liquid fuel in said fuel ~~supply system~~ vessel.

Claim 7 (previously presented): The fuel supplier as claimed in Claim 1, wherein said permeation control film has a cut portion formed therethrough, and a surface of said permeation control film is allowed to expand and contract such that the cut portion changes its shape and that the exposed area of said permeable control film is controlled.

Claim 8 (previously presented): The fuel supplier as claimed in Claim 1, further comprising a shutter control member that allows said shutter member to slide on the surface of said fuel permeable film such that the exposed area of said fuel permeable film is controlled.

Claim 9 (currently amended): The fuel supplier as claimed in Claim 1, wherein said liquid fuel permeable film restricts the amount of transmission of said high concentration liquid fuel based on the fuel concentration of said liquid fuel in said fuel ~~supply system~~ vessel.

Claim 10 (cancelled)

Claim 11 (previously presented): A fuel cell, comprising:

a solid electrolyte membrane;

a fuel electrode and an oxidant electrode placed on said solid electrolyte membrane;

and

a fuel supply system that supplies a fuel to said fuel electrode, wherein said fuel supply system has the fuel supplier as claimed in Claim 1.

Claim 12 (cancelled)